ABSTRACT OF THE DISCLOSURE

Nitrogen doped titanium oxide coatings on a hot glass substrate are prepared by providing a uniform vaporized reactant mixture containing a titanium compound, a nitrogen compound and an oxygen-containing compound, and delivering the reactant mixture to the surface of a ribbon of hot glass, where the compounds react to form a nitrogen doped titanium oxide coating. The nitrogen doped titanium oxide coatings deposited in accordance with the invention demonstrate an increase in visible light absorption.